

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

Claims 1- 16 (canceled)

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Claim 17 (new): A combination display/loudspeaker apparatus, comprising:

a touch-sensitive display; and

10 a loudspeaker, wherein at least one part of a sound-emitting surface of the loudspeaker forms the display, and wherein the loudspeaker includes at least one recognition part for tactile contacts made with the display.

15 Claim 18 (new): A combination display/loudspeaker apparatus as claimed in claim 17, wherein at least one part of the at least one part of the sound-emitting surface of the loudspeaker which forms the display forms the at least one recognition part for tactile contacts made with the display.

20 Claim 19 (new): A combination display/loudspeaker apparatus as claimed in claim 17, wherein the at least one recognition part for tactile contacts made with the display includes at least one of at least one actuator and at least one sensor, the at least one sensor being one of an acoustic sensor and an optical sensor.

25 Claim 20 (new): A combination display/loudspeaker apparatus as claimed in claim 19, wherein the at least one of at least one actuator and at least one sensor is located at an edge of the sound-emitting surface of the loudspeaker.

Claim 21 (new): A combination display/loudspeaker apparatus as claimed in claim 19, wherein the at least one of at least one actuator and at least one sensor is located proximate to an edge of the sound-emitting surface of the loudspeaker.

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Claim 22 (new): A combination display/loudspeaker apparatus as claimed in claim 19, wherein the at least one of at least one actuator and at least one sensor is located beneath the sound-emitting surface of the loudspeaker.

5 Claim 23 (new): A combination display/loudspeaker apparatus as claimed in claim 19, wherein the at least one of at least one actuator and at least one sensor is located on the sound-emitting surface of the loudspeaker.

10 Claim 24 (new): A combination display/loudspeaker apparatus as claimed in claim 19, wherein at least one of a plurality of actuators and a plurality of sensors are located in distributive fashion over an area covered by the sound-emitting surface of the loudspeaker.

15 Claim 25 (new): A combination display/loudspeaker apparatus as claimed in claim 19, wherein the at least one actuator includes at least one of at least one piezo-electric element and one electromagnetic converter.

20 Claim 26 (new): A combination display/loudspeaker apparatus as claimed in claim 19, wherein the at least one sensor includes at least one of at least one piezo-electric element and one electromagnetic converter.

Claim 27 (new): A combination display/loudspeaker apparatus as claimed in claim 19, further comprising evaluation parts for evaluating signals delivered by the at least one of at least one actuator and at least one sensor.

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Claim 28 (new): A method for recognizing tactile contacts with a touch-sensitive display combined with a loudspeaker, the method comprising:

providing that at least one part of a sound-emitting surface of the loudspeaker form the display; and

30 recognizing tactile contacts made with the display via at least one recognition part.

Claim 29 (new): A method for recognizing tactile contacts with a touch-sensitive display combined with a loudspeaker as claimed in claim 28, wherein the at least one recognition part recognizes a tactile contact with the display at least one of through a changed decoupling of sound via the sound-emitting surface of the loudspeaker and through at least one of at least one standing wave and reflections which are picked up using at least one sensor, the at least one sensor being one of an acoustic sensor and an optical sensor.

10 Claim 30 (new): A method for recognizing tactile contacts with a touch-sensitive display combined with a loudspeaker as claimed in claim 28, the method further comprising:

emitting an audio signal, via the loudspeaker, having a frequency outside an audible frequency range of sound waves; and

15 detecting changes in the audio signal emitted to recognize a tactile contact with the display via the at least one recognition part.

Claim 31 (new): A method for recognizing tactile contacts with a touch-sensitive display combined with a loudspeaker as claimed in claim 30, wherein the 20 audio signal is emitted together with audio signals having frequencies in the audible frequency range of sound waves.

Claim 32 (new): A method for recognizing tactile contacts with a touch-sensitive display combined with a loudspeaker as claimed in claim 28, wherein a 25 tactile contact is recognized by a reaction to at least one actuator in the loudspeaker via the at least one recognition part.

Claim 33 (new): A method for recognizing tactile contacts with a touch-sensitive display combined with a loudspeaker as claimed in claim 32, wherein the 30 at least one actuator converts a force acting as a result of the tactile contact with the display into an electrical signal.

Claim 34 (new): A method for recognizing tactile contacts with a touch-sensitive display combined with a loudspeaker as claimed in claim 33, wherein a position of a tactile contact on the display is recognized, via the at least one
5 recognition part, by at least one of: evaluating the electrical signal from at least two actuators which detect the tactile contact and compare them with one another; an impedance measurement; a differential level measurement using a level of at least two signals from at least one of different sensors and different actuators; an attenuation measurement of sound waves emitted by the sound-emitting surface;
10 and evaluating at least one of multiple-path propagations and reflections of waves propagating on the sound-emitting surface.